Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 295002005900	Application Number 09/175,017
Applicant: BOIME et al	
Filing Date 19 October 1998	Group Art Unit ~~1645~~ 1647

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES	Translation NO

OTHER DOCUMENTS *(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title
	1.	LaPolt, P.S. "Enhanced Stimulation of Follicle Maturation and Ovulatory Potential by Long Acting Follicle-Stimulating Hormone Agonists with Extended Carboxyl-Terminal Peptides", *Endocrinology* (1992) 131:2514-2520.
	2.	Fares, F.A.. "Design of a Long Acting Follitropin Agonist by Fusing the C-terminal Sequence of the Chorionic Gonadotropin β subunit to the Follitropin" *Proc Natl Acad Sci USA* (1992) 89:4304-4308.
	3.	Lapthorn, A.J. ""Crystal Structure of Human Chorionic Gonadotropin" *Nature* (1994) 369:455-461.
	4.	Wu, H. "Structure of Human Chorionic Gonadotropin at 2.6 A Resolution from MAD analysis of the Selenomethionyl Protein" *Structure* (1994) 2:545-558.
	5.	Patel, D.J. "A Clasped Embrace" *Nature* 369:438-439.
	6.	Dayhoff, M. "A Model of Evolutionary Change in Proteins" *Atlas of Protein Sequences and Structure* (1972) 5:89-99.
	7.	Chen, F. "The Carboxy-Terminal Region of the Glycoprotein Hormone α-Subunit: Contributions to Receptor Binding and Signaling in Human Chorionic Gonadotropin" *Molec Endocrinol* (1992) 6:914-919.
	8.	Yoo, J. "Conversion of Lysine 91 to Methionine or Glutamic Acid in Human Choriogonadotropin α Results in the Loss of cAMP Inducibility" *J Biol Chem* (1991) 266:17741-17743.
	9.	Puett, D. "Delineation of Subunit and Receptor Contact Sites by Site-Directed Mutagenesis of hCGβ" *Glycoprotein Hormones.*
	10.	Lusbader, J.W., *EDS, Springer Verlag* (New York) (1994) 122-134.
	11.	Kuetmann, H.T. "Receptor Binding Regions of hLH and hCGβ-Subunit: Structural and Functional Properties" (ibid.) pgs. 103-117.

EXAMINER: (examiner) Spector DATE CONSIDERED: 5/2/02

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Paper #4

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 295002005900	Application Number 09/175,017
Applicant: BOIME et al	
Filing Date 19 October 1998	Group Art Unit ~~1648~~ 1647

OTHER DOCUMENTS *(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title
	12.	Erickson, L.D. "Synthetic α-Subunit Peptides Stimulate Testosterone Production in Vitro by Rat Leydig Cells" *Endocrinology* (1990) 126:2555-2560.
	13.	Bielinska, M., *J Cell Biol* (1990) 111:330a (Abstract 1844).
	14.	Campbell "Conversion of Human Choriogonadotropin into a follitropin by Protein Engineering", *Proc Natl Acad Sci* (1991) 88:760-764.
	15.	Moyle, "Co-Evolution of Ligand-Receptor Paris" *Nature* (1994) 368:251-255.
	16.	Matzuk, M.M. "The Glycoprotein α-Subunit is Critical for Secretion and Stability of the Human Thyrotropin β-Subunit" *Mol Endocrinol* (1988) 2:95-100.
	17.	Matzuk, *M.M.* "Efforts of Preventing O-glycosylation on the Secretion of Human Chorionic Gonadotropin in Chinese Hamster Ovary Cells", *Proc Natl Acad USA* (1987) 84:6354-6358.
	18.	Matzuk, M.M. "The Role of the Asparagine-linked Oligosaccharides of the α Subunit in the Secretion and Assembly of Human Chorionic Gonadotropin" J Cell Biol (1988) 106:1049-1059.
	19.	Oikawa, J. X-C "Expression of Human Luteinizing Hormone (LH) and Chorionic Gonadotropin from Human but not Equine, Rat and Ovine Species "Endocrinol (1991) 5:759-768.
	20.	Chen, C. "High-Efficiency Transformation of Mammalian Cells by Plasmid DNA", Mol Cell Biol (1987) 7:2745-2752.
	21.	Sachais "Molecular Basis for the Species Selectivity of the Substance P Antagonist CP-96, 345" Biol Chem (1993) 268:2319.

EXAMINER: L. Spector

DATE CONSIDERED: 5/2/00

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